

03-13-01
IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

INVENTOR(S) Khalil C. Haddad

CASE 1

TITLE SHORTENING IMPULSE RESPONSE FILTER
(SIRF) AND DESIGN TECHNIQUE THEREFOR

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Specification
9 Sheets of informal drawing(s)
Declaration and Power of Attorney
Assignment with Cover Sheet

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	28 -20 =	8	X \$18 =	\$144
Independent Claims	3 - 3 =	0	X \$80 =	\$ 0
Multiple Dependent Claim(s), if applicable			\$260 =	\$ 0
Basic Fee				\$710
TOTAL FEE:				\$854

Please file the application and charge **Agere Systems Inc. Deposit Account No. 50-1735** the amount of \$854, to cover the filing fee. *Duplicate copies of this letter are enclosed.* In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-1735** as required to correct the error.

Please address all correspondence to: Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06430. Telephone calls should be made to the under-signed attorney at (203) 255-6560.

Respectfully,

Kevin M. Mason

Kevin M. Mason
Reg. No. 36,597
Attorney for Applicant(s)

Date: March 12, 2001

Ryan, Mason & Lewis, LLP
1300 Post Road, Suite 205
Fairfield, CT 06430

"Express Mail" Label No. : EL659922814US

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

Date of Deposit: March 12, 2001

Signature: *Linda M. Shachtel*

11017 U.S. PRO
09/803801
03/12/01